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What is claimed:

1 1. A rice plant wherein:

2 (a) the growth of said plant is resistant to inhibition by one or more of the following  
3 herbicides, at levels of herbicide that would normally inhibit the growth of a rice plant:  
4 imazethapyr, imazapic, imazapyr, nicosulfuron, sulfometuron methyl, imazaquin,  
5 imazamox, chlorimuron ethyl, metsulfuron methyl, rimsulfuron, thifensulfuron methyl,  
6 tribenuron methyl, pyriithobac sodium, or a derivative of any of these herbicides; and

7 (b) said plant is a derivative of at least one of the plants selected from the group of  
8 plants with ATCC accession numbers PTA-904, PTA-905, PTA-902, PTA-903, PTA-  
9 906, PTA-907, and PTA-908; and

10 (c) said plant has the herbicide resistance characteristics of at least one of the plants  
11 selected from the group of plants with ATCC accession numbers PTA-904, PTA-905,  
12 PTA-902, PTA-903, PTA-906, PTA-907, and PTA-908.

1 2. A rice plant as recited in Claim 1, wherein the growth of said plant is resistant to  
2 inhibition by imazethapyr, at levels of imazethapyr that would normally inhibit the growth of a  
3 rice plant.

1 3. A rice plant as recited in Claim 1, wherein the growth of said plant is resistant to  
2 inhibition by imazapic, at levels of imazapic that would normally inhibit the growth of a rice  
3 plant.

1 4. A rice plant as recited in Claim 1, wherein the growth of said plant is resistant to  
2 inhibition by imazapyr, at levels of imazapyr that would normally inhibit the growth of a rice  
3 plant.

1 5. A rice plant as recited in Claim 1, wherein the growth of said plant is resistant to  
2 inhibition by nicosulfuron, at levels of nicosulfuron that would normally inhibit the growth of a  
3 rice plant.

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1 6. A rice plant as recited in Claim 1, wherein the growth of said plant is resistant to  
2 inhibition by sulfometuron methyl, at levels of sulfometuron methyl that would normally inhibit  
3 the growth of a rice plant.

1 7. A rice plant as recited in Claim 1, wherein the growth of said plant is resistant to  
2 inhibition by imazaquin, at levels of imazaquin that would normally inhibit the growth of a rice  
3 plant.

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1 8. A rice plant as recited in Claim 1, wherein the growth of said plant is additionally  
2 resistant to inhibition by primisulfuron, at levels of primisulfuron that would normally inhibit  
3 the growth of a rice plant.

1 9. A rice plant as recited in Claim 1, wherein the growth of said plant is resistant to  
2 inhibition by imazamox, at levels of imazamox that would normally inhibit the growth of a rice  
3 plant.

1 10. A rice plant as recited in Claim 1, wherein the growth of said plant is resistant to  
2 inhibition by chlorimuron ethyl, at levels of chlorimuron ethyl that would normally inhibit the  
3 growth of a rice plant.

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1 11. A rice plant as recited in Claim 1, wherein the growth of said plant is resistant to  
2 inhibition by metsulfuron methyl, at levels of metsulfuron methyl that would normally inhibit  
3 the growth of a rice plant.

1 12. A rice plant as recited in Claim 1, wherein the growth of said plant is resistant to  
2 inhibition by rimsulfuron, at levels of rimsulfuron that would normally inhibit the growth of a  
3 rice plant.

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1 13. A rice plant as recited in Claim 1, wherein the growth of said plant is resistant to  
2 inhibition by thifensulfuron methyl, at levels of thifensulfuron methyl that would normally  
3 inhibit the growth of a rice plant.

1 14. A rice plant as recited in Claim 1, wherein the growth of said plant is additionally  
2 resistant to inhibition by tribenuron methyl, at levels of tribenuron methyl that would normally  
3 inhibit the growth of a rice plant.

1 15. A rice plant as recited in Claim 1, wherein the growth of said plant is resistant to  
2 inhibition by pyrithiobac sodium, at levels of pyrithiobac sodium that would normally inhibit  
3 the growth of a rice plant.

1 31. A rice plant as recited in Claim 1, wherein said plant is the plant with ATCC accession  
2 number PTA-904, or is any progeny of the plant with ATCC accession number PTA-904;  
3 wherein said plant has the herbicide resistance characteristics of the plant with ATCC accession  
4 number PTA-904.

1 32. A rice plant as recited in Claim 1, wherein said plant is the plant with ATCC accession  
2 number PTA-905, or is any progeny of the plant with ATCC accession number PTA-905;  
3 wherein said plant has the herbicide resistance characteristics of the plant with ATCC accession  
4 number PTA-905.

1 33. A rice plant as recited in Claim 1, wherein said plant is the plant with ATCC accession  
2 number PTA-902, or is any progeny of the plant with ATCC accession number PTA-902;  
3 wherein said plant has the herbicide resistance characteristics of the plant with ATCC accession  
4 number PTA-902.

1 34. A rice plant as recited in Claim 1, wherein said plant is the plant with ATCC accession  
2 number PTA-903, or is any progeny of the plant with ATCC accession number PTA-903;  
3 wherein said plant has the herbicide resistance characteristics of the plant with ATCC accession  
4 number PTA-903.

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1 35. A rice plant as recited in Claim 1, wherein said plant is the plant with ATCC accession  
2 number PTA-906, or is any progeny of the plant with ATCC accession number PTA-906;  
3 wherein said plant has the herbicide resistance characteristics of the plant with ATCC accession  
4 number PTA-906.

1 36. A rice plant as recited in Claim 1, wherein said plant is the plant with ATCC accession  
2 number PTA-907, or is any progeny of the plant with ATCC accession number PTA-907;  
3 wherein said plant has the herbicide resistance characteristics of the plant with ATCC accession  
4 number PTA-907.

1 37. A rice plant as recited in Claim 1, wherein said plant is the plant with ATCC accession  
2 number PTA-908, or is any progeny of the plant with ATCC accession number PTA-908;  
3 wherein said plant has the herbicide resistance characteristics of the plant with ATCC accession  
4 number PTA-908.

1 38. A process for controlling weeds in the vicinity of a rice plant as recited in Claim 1,  
2 said process comprising applying a herbicide to the weeds and to the rice plant, wherein the  
3 herbicide comprises imazethapyr, imazapic, imazapyr, nicosulfuron, sulfometuron methyl,  
4 imazaquin, primisulfuron, imazamox, chlorimuron ethyl, metsulfuron methyl, rimsulfuron,  
5 thifensulfuron methyl, tribenuron methyl, pyriithiobac sodium, or a derivative of any of these  
6 herbicides.

1 54. A process as recited in Claim 38, wherein the plant is the plant with ATCC accession  
2 number PTA-904, or is any progeny of the plant with ATCC accession number PTA-904;  
3 wherein the plant has the herbicide resistance characteristics of the plant with ATCC accession  
4 number PTA-904.

1 55. A process as recited in Claim 38, wherein the plant is the plant with ATCC accession  
2 number PTA-905, or is any progeny of the plant with ATCC accession number PTA-905;  
3 wherein the plant has the herbicide resistance characteristics of the plant with ATCC accession  
4 number PTA-905.

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1 56. A process as recited in Claim 38, wherein the plant is the plant with ATCC accession  
2 number PTA-902, or is any progeny of the plant with ATCC accession number PTA-902;  
3 wherein the plant has the herbicide resistance characteristics of the plant with ATCC accession  
4 number PTA-902.

1 57. A process as recited in Claim 38, wherein the plant is the plant with ATCC accession  
2 number PTA-903, or is any progeny of the plant with ATCC accession number PTA-903;  
3 wherein the plant has the herbicide resistance characteristics of the plant with ATCC accession  
4 number PTA-903.

1 58. A process as recited in Claim 38, wherein the plant is the plant with ATCC accession  
2 number PTA-906, or is any progeny of the plant with ATCC accession number PTA-906;  
3 wherein the plant has the herbicide resistance characteristics of the plant with ATCC accession  
4 number PTA-906.

1 59. A process as recited in Claim 38, wherein the plant is the plant with ATCC accession  
2 number PTA-907, or is any progeny of the plant with ATCC accession number PTA-907;  
3 wherein the plant has the herbicide resistance characteristics of the plant with ATCC accession  
4 number PTA-907.

1 60. A process as recited in Claim 38, wherein the plant is the plant with ATCC accession  
2 number PTA-908, or is any progeny of the plant with ATCC accession number PTA-908;  
3 wherein the plant has the herbicide resistance characteristics of the plant with ATCC accession  
4 number PTA-908.

1 61. A process for controlling weeds in the vicinity of a rice plant as recited in Claim 1,  
2 said process comprising applying a herbicide to the weeds and to the rice plant, wherein the  
3 herbicide comprises primisulfuron, triasulfuron, chlorsulfuron, imazamethabenz methyl, or a  
4 derivative of any of these herbicides.

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1 62. A herbicide-resistant rice plant, wherein:

2 (a) the growth of said herbicide-resistant plant is resistant to inhibition by at least one  
3 herbicide that normally inhibits acetohydroxyacid synthase, at levels of the herbicide  
4 that would normally inhibit the growth of a rice plant; and

5 (b) said herbicide-resistant plant is a derivative of a rice plant obtained by exposing rice  
6 plants to mutation-inducing conditions; growing rice plants from the exposed plants, or  
7 growing rice plants from progeny of the exposed plants, in the presence of at least one  
8 herbicide that normally inhibits acetohydroxyacid synthase, at levels of the herbicide  
9 that would normally inhibit the growth of a rice plant; and selecting for further  
10 propagation rice plants that grow without significant injury in the presence of the  
11 herbicide; and

12 (c) said herbicide-resistant plant expresses a functional acetohydroxyacid synthase that  
13 is resistant to inhibition by at least one herbicide that normally inhibits  
14 acetohydroxyacid synthase, at levels of the herbicide that would normally inhibit the  
15 growth of a rice plant;

16 *provided that excluded from the scope of this Claim is:*

17 (d) a plant that is the plant with ATCC accession number 97523; and any mutant,  
18 recombinant, or genetically engineered derivative of the plant with ATCC accession  
19 number 97523 or of any progeny of the plant with ATCC accession number 97523; and  
20 any plant that is the progeny of any of these plants; wherein these derivatives of the  
21 plant with ATCC accession number 97523 that are excluded from the scope of this  
22 Claim are those that have the same herbicide resistance characteristics as the plant with  
23 ATCC accession number 97523.

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1 63. A process for controlling weeds in the vicinity of a rice plant as recited in Claim 62,  
2 said process comprising applying a herbicide to the weeds and to the rice plant, wherein the  
3 herbicide normally inhibits acetohydroxyacid synthase, at levels of the herbicide that would  
4 normally inhibit the growth of a rice plant.

1 64. A rice plant as recited in Claim 62, wherein the growth of said plant is resistant to  
2 inhibition by at least one imidazolinone herbicide that normally inhibits acetohydroxyacid  
3 synthase, at levels of the herbicide that would normally inhibit the growth of a rice plant.

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1 65. A process for controlling weeds in the vicinity of a rice plant as recited in Claim 64,  
2 said process comprising applying an imidazolinone herbicide to the weeds and to the rice plant,  
3 wherein the herbicide normally inhibits acetohydroxyacid synthase, at levels of the herbicide  
4 that would normally inhibit the growth of a rice plant.

1 66. A rice plant as recited in Claim 62, wherein the growth of said plant is resistant to  
2 inhibition by at least one sulfonylurea herbicide that normally inhibits acetohydroxyacid  
3 synthase, at levels of the herbicide that would normally inhibit the growth of a rice plant.

1 67. A process for controlling weeds in the vicinity of a rice plant as recited in Claim 66,  
2 said process comprising applying a sulfonylurea herbicide to the weeds and to the rice plant,  
3 wherein the herbicide normally inhibits acetohydroxyacid synthase, at levels of the herbicide  
that would normally inhibit the growth of a rice plant.

1 68. A rice plant as recited in Claim 62, wherein the growth of said plant is resistant to  
2 inhibition by at least one herbicide selected from the group consisting of imazethapyr,  
3 imazapic, imazapyr, nicosulfuron, sulfometuron methyl, imazaquin, primisulfuron, imazamox,  
4 chlorimuron ethyl, metsulfuron methyl, rimsulfuron, thifensulfuron methyl, tribenuron methyl,  
5 and pyriithiobac sodium; at levels of the herbicide that would normally inhibit the growth of a  
6 rice plant.

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1 69. A process for controlling weeds in the vicinity of a rice plant as recited in Claim 68,  
2 said process comprising applying to the weeds and to the rice plant at least one herbicide  
3 selected from the group consisting of imazethapyr, imazapic, imazapyr, nicosulfuron,  
4 sulfometuron methyl, imazaquin, primisulfuron, imazamox, chlorimuron ethyl, metsulfuron  
5 methyl, rimsulfuron, thifensulfuron methyl, tribenuron methyl, and pyriithiobac sodium; at  
6 levels of the herbicide that would normally inhibit the growth of a rice plant.

1 70. A rice plant as recited in Claim 62, wherein the mutation-inducing conditions comprise  
2 exposing rice seeds to a mutagen.

1 71. A process for imparting herbicide resistance to rice plants, said process comprising the  
2 steps of:

3 (a) exposing rice plants to mutation-inducing conditions;

4 (b) growing rice plants from the exposed plants, or growing rice plants from progeny  
5 of the exposed plants, in the presence of at least one herbicide that normally inhibits  
6 acetohydroxyacid synthase, at levels of the herbicide that would normally inhibit the  
7 growth of a rice plant; and

8 (c) selecting for further propagation one or more rice plants that grow without  
9 significant injury in the presence of the herbicide; wherein the plants selected for  
10 further propagation express a functional acetohydroxyacid synthase that is resistant to  
11 inhibition by at least one herbicide that normally inhibits acetohydroxyacid synthase, at  
12 levels of the herbicide that would normally inhibit the growth of a rice plant; *and*  
13 *provided that* the rice plant or plants selected for further propagation do not have the  
14 herbicide resistance characteristics of the plant with ATCC accession number 97523.

1 72. A process as recited in Claim 71, wherein the herbicide is selected from the group  
2 consisting of imazethapyr, imazapic, and imazapyr.

1 73. A process as recited in Claim 71, wherein said exposing step comprises exposing rice  
2 seeds to a mutagen.

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1 75. A herbicide-resistant rice plant, wherein:

2 (a) the growth of said herbicide-resistant plant is resistant to inhibition by at least one  
3 herbicide that normally inhibits acetohydroxyacid synthase, at levels of the herbicide  
4 that would normally inhibit the growth of a rice plant;

5 (b) said herbicide-resistant plant expresses functional first and second resistant  
6 acetohydroxyacid synthases, each of which said resistant acetohydroxyacid synthases is  
7 resistant to inhibition by at least one herbicide that normally inhibits acetohydroxyacid  
8 synthase, at levels of the herbicide that would normally inhibit the growth of a rice  
9 plant;

10 a (c) said first and second resistant acetohydroxyacid synthases are not identical; and

11 (d) said first resistant acetohydroxyacid synthase is a mutated form of a first wild-type  
12 rice acetohydroxyacid synthase; and said second resistant acetohydroxyacid synthase is  
13 a mutated form of a second wild-type rice acetohydroxyacid synthase; wherein the first  
14 and second wild-type rice acetohydroxyacid synthases are different enzymes that are  
normally encoded by different genes of wild-type rice plants.

1 76. A process for controlling weeds in the vicinity of a rice plant as recited in Claim 75,  
2 said process comprising applying a herbicide to the weeds and to the rice plant, wherein the  
3 herbicide normally inhibits acetohydroxyacid synthase, at levels of the herbicide that would  
4 normally inhibit the growth of a rice plant.

1 77. A rice plant as recited in Claim 75, wherein the growth of said plant is resistant to  
2 inhibition by at least one imidazolinone herbicide that normally inhibits acetohydroxyacid  
3 synthase, at levels of the herbicide that would normally inhibit the growth of a rice plant.

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1 ~~78.~~ A process for controlling weeds in the vicinity of a rice plant as recited in Claim 77,  
2 said process comprising applying an imidazolinone herbicide to the weeds and to the rice plant,  
3 wherein the herbicide normally inhibits acetohydroxyacid synthase, at levels of the herbicide  
that would normally inhibit the growth of a rice plant.

1 79. A rice plant as recited in Claim 75, wherein the growth of said plant is resistant to  
2 inhibition by at least one sulfonylurea herbicide that normally inhibits acetohydroxyacid  
3 synthase, at levels of the herbicide that would normally inhibit the growth of a rice plant.

a 1 80. A process for controlling weeds in the vicinity of a rice plant as recited in Claim 79,  
2 said process comprising applying a sulfonylurea herbicide to the weeds and to the rice plant,  
3 wherein the herbicide normally inhibits acetohydroxyacid synthase, at levels of the herbicide  
that would normally inhibit the growth of a rice plant.

1 81. A rice plant as recited in Claim 75, wherein said plant is a derivative of the plant with  
2 ATCC accession number 75295, and said plant additionally has the herbicide resistance  
3 characteristics of the plant with ATCC accession number 75295.

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1     82.     A rice plant wherein:

2           (a) the growth of said plant is resistant to inhibition by one or more of the following  
3           herbicides, at levels of herbicide that would normally inhibit the growth of a rice plant:  
4           imazethapyr, imazapic, imazapyr, nicosulfuron, sulfometuron methyl, imazaquin,  
5           imazamox, chlorimuron ethyl, metsulfuron methyl, rimsulfuron, thifensulfuron methyl,  
6           tribenuron methyl, pyriithiobac sodium, or a derivative of any of these herbicides; and

7           (b) said plant is a derivative of at least one of the plants selected from the group of  
8           plants with ATCC accession numbers 203419, 203420, 203421, 203422, 203423,  
9           203424, 203425, 203426, 203427, 203428, 203429, 203430, 203431, 203432, and  
10          203433; and

11          (c) said plant has the herbicide resistance characteristics of at least one of the plants  
12          selected from the group of plants with ATCC accession numbers 203419, 203420,  
13          203421, 203422, 203423, 203424, 203425, 203426, 203427, 203428, 203429,  
14          203430, 203431, 203432, and 203433.

1     83.     A rice plant as recited in Claim 82, wherein the growth of said plant is resistant to  
2     inhibition by imazethapyr, at levels of imazethapyr that would normally inhibit the growth of a  
3     rice plant.

1     84.     A rice plant as recited in Claim 82, wherein the growth of said plant is resistant to  
2     inhibition by imazapic, at levels of imazapic that would normally inhibit the growth of a rice  
3     plant.

1     85.     A rice plant as recited in Claim 82, wherein the growth of said plant is resistant to  
2     inhibition by imazapyr, at levels of imazapyr that would normally inhibit the growth of a rice  
3     plant.

1     86.     A rice plant as recited in Claim 82, wherein the growth of said plant is resistant to  
2     inhibition by nicosulfuron, at levels of nicosulfuron that would normally inhibit the growth of a  
3     rice plant.

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1 87. A rice plant as recited in Claim 82, wherein the growth of said plant is resistant to  
2 inhibition by sulfometuron methyl, at levels of sulfometuron methyl that would normally inhibit  
the growth of a rice plant.

1 88. A rice plant as recited in Claim 82, wherein the growth of said plant is resistant to  
2 inhibition by imazaquin, at levels of imazaquin that would normally inhibit the growth of a rice  
3 plant.

1 89. A rice plant as recited in Claim 82, wherein the growth of said plant is additionally  
2 resistant to inhibition by primisulfuron, at levels of primisulfuron that would normally inhibit  
3 the growth of a rice plant.

1 90. A rice plant as recited in Claim 82, wherein the growth of said plant is resistant to  
2 inhibition by imazamox, at levels of imazamox that would normally inhibit the growth of a rice  
3 plant.

1 91. A rice plant as recited in Claim 82, wherein the growth of said plant is resistant to  
2 inhibition by chlorimuron ethyl, at levels of chlorimuron ethyl that would normally inhibit the  
3 growth of a rice plant.

1 92. A rice plant as recited in Claim 82, wherein the growth of said plant is resistant to  
2 inhibition by metsulfuron methyl, at levels of metsulfuron methyl that would normally inhibit  
3 the growth of a rice plant.

1 93. A rice plant as recited in Claim 82, wherein the growth of said plant is resistant to  
2 inhibition by rimsulfuron, at levels of rimsulfuron that would normally inhibit the growth of a  
3 rice plant.

1 94. A rice plant as recited in Claim 82, wherein the growth of said plant is resistant to  
2 inhibition by thifensulfuron methyl, at levels of thifensulfuron methyl that would normally  
3 inhibit the growth of a rice plant.

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1 95. A rice plant as recited in Claim 82, wherein the growth of said plant is additionally  
2 resistant to inhibition by tribenuron methyl, at levels of tribenuron methyl that would normally  
3 inhibit the growth of a rice plant.

1 96. A rice plant as recited in Claim 82, wherein the growth of said plant is resistant to  
2 inhibition by pyriithiobac sodium, at levels of pyriithiobac sodium that would normally inhibit  
3 the growth of a rice plant.

1 97. A rice plant as recited in Claim 82, wherein said plant is the plant with ATCC  
2 accession number 203419, or is any progeny of the plant with ATCC accession number  
3 203419; wherein said plant has the herbicide resistance characteristics of the plant with ATCC  
4 accession number 203419.

1 98. A rice plant as recited in Claim 82, wherein said plant is the plant with ATCC  
2 accession number 203420, or is any progeny of the plant with ATCC accession number  
3 203420; wherein said plant has the herbicide resistance characteristics of the plant with ATCC  
4 accession number 203420.

1 99. A rice plant as recited in Claim 82, wherein said plant is the plant with ATCC  
2 accession number 203421, or is any progeny of the plant with ATCC accession number  
3 203421; wherein said plant has the herbicide resistance characteristics of the plant with ATCC  
4 accession number 203421.

1 100. A rice plant as recited in Claim 82, wherein said plant is the plant with ATCC  
2 accession number 203422, or is any progeny of the plant with ATCC accession number  
3 203422; wherein said plant has the herbicide resistance characteristics of the plant with ATCC  
4 accession number 203422.

5 101. A rice plant as recited in Claim 82, wherein said plant is the plant with ATCC  
6 accession number 203423, or is any progeny of the plant with ATCC accession number  
7 203423; wherein said plant has the herbicide resistance characteristics of the plant with ATCC  
8 accession number 203423.

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1 102. A rice plant as recited in Claim 82, wherein said plant is the plant with ATCC  
2 accession number 203424, or is any progeny of the plant with ATCC accession number  
3 203424; wherein said plant has the herbicide resistance characteristics of the plant with ATCC  
4 accession number 203424.

1 103. A rice plant as recited in Claim 82, wherein said plant is the plant with ATCC  
2 accession number 203425, or is any progeny of the plant with ATCC accession number  
3 203425; wherein said plant has the herbicide resistance characteristics of the plant with ATCC  
4 accession number 203425.

1 104. A rice plant as recited in Claim 82, wherein said plant is the plant with ATCC  
2 accession number 203426, or is any progeny of the plant with ATCC accession number  
3 203426; wherein said plant has the herbicide resistance characteristics of the plant with ATCC  
4 accession number 203426.

1 105. A rice plant as recited in Claim 82, wherein said plant is the plant with ATCC  
2 accession number 203427, or is any progeny of the plant with ATCC accession number  
3 203427; wherein said plant has the herbicide resistance characteristics of the plant with ATCC  
4 accession number 203427.

1 106. A rice plant as recited in Claim 82, wherein said plant is the plant with ATCC  
2 accession number 203428, or is any progeny of the plant with ATCC accession number  
3 203428; wherein said plant has the herbicide resistance characteristics of the plant with ATCC  
4 accession number 203428.

1 107. A rice plant as recited in Claim 82, wherein said plant is the plant with ATCC  
2 accession number 203429, or is any progeny of the plant with ATCC accession number  
3 203429; wherein said plant has the herbicide resistance characteristics of the plant with ATCC  
4 accession number 203429.

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1 108. A rice plant as recited in Claim 82, wherein said plant is the plant with ATCC  
2 accession number 203430, or is any progeny of the plant with ATCC accession number  
3 203430; wherein said plant has the herbicide resistance characteristics of the plant with ATCC  
4 accession number 203430.

1 109. A rice plant as recited in Claim 82, wherein said plant is the plant with ATCC  
2 accession number 203431, or is any progeny of the plant with ATCC accession number  
3 203431; wherein said plant has the herbicide resistance characteristics of the plant with ATCC  
4 accession number 203431.

1 110. A rice plant as recited in Claim 82, wherein said plant is the plant with ATCC  
2 accession number 203432, or is any progeny of the plant with ATCC accession number  
3 203432; wherein said plant has the herbicide resistance characteristics of the plant with ATCC  
4 accession number 203432.

1 111. A rice plant as recited in Claim 82, wherein said plant is the plant with ATCC  
2 accession number 203433, or is any progeny of the plant with ATCC accession number  
3 203433; wherein said plant has the herbicide resistance characteristics of the plant with ATCC  
4 accession number 203433.

1 112. A process for controlling weeds in the vicinity of a rice plant as recited in Claim 82,  
2 said process comprising applying a herbicide to the weeds and to the rice plant, wherein the  
3 herbicide comprises imazethapyr, imazapic, imazapyr, nicosulfuron, sulfometuron methyl,  
4 imazaquin, primisulfuron, imazamox, chlorimuron ethyl, metsulfuron methyl, rimsulfuron,  
5 thifensulfuron methyl, tribenuron methyl, pyriithiobac sodium, or a derivative of any of these  
6 herbicides.

1 113. A process as recited in Claim 112, wherein the plant is the plant with ATCC accession  
2 number 203419, or is any progeny of the plant with ATCC accession number 203419; wherein  
3 the plant has the herbicide resistance characteristics of the plant with ATCC accession number  
4 203419.

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1 114. A process as recited in Claim 112, wherein the plant is the plant with ATCC accession  
2 number 203420, or is any progeny of the plant with ATCC accession number 203420; wherein  
3 the plant has the herbicide resistance characteristics of the plant with ATCC accession number  
4 203420.

1 115. A process as recited in Claim 112, wherein the plant is the plant with ATCC accession  
2 number 203421, or is any progeny of the plant with ATCC accession number 203421; wherein  
3 the plant has the herbicide resistance characteristics of the plant with ATCC accession number  
4 203421.

1 116. A process as recited in Claim 112, wherein the plant is the plant with ATCC accession  
2 number 203422, or is any progeny of the plant with ATCC accession number 203422; wherein  
3 the plant has the herbicide resistance characteristics of the plant with ATCC accession number  
4 203422.

1 117. A process as recited in Claim 112, wherein the plant is the plant with ATCC accession  
2 number 203423, or is any progeny of the plant with ATCC accession number 203423; wherein  
3 the plant has the herbicide resistance characteristics of the plant with ATCC accession number  
4 203423.

1 118. A process as recited in Claim 112, wherein the plant is the plant with ATCC accession  
2 number 203424, or is any progeny of the plant with ATCC accession number 203424; wherein  
3 the plant has the herbicide resistance characteristics of the plant with ATCC accession number  
4 203424.

1 119. A process as recited in Claim 112, wherein the plant is the plant with ATCC accession  
2 number 203425, or is any progeny of the plant with ATCC accession number 203425; wherein  
3 the plant has the herbicide resistance characteristics of the plant with ATCC accession number  
4 203425.

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1 120. A process as recited in Claim 112, wherein the plant is the plant with ATCC accession  
2 number 203426, or is any progeny of the plant with ATCC accession number 203426; wherein  
3 the plant has the herbicide resistance characteristics of the plant with ATCC accession number  
4 203426.

1 121. A process as recited in Claim 112, wherein the plant is the plant with ATCC accession  
2 number 203427, or is any progeny of the plant with ATCC accession number 203427; wherein  
3 the plant has the herbicide resistance characteristics of the plant with ATCC accession number  
4 203427.

1 122. A process as recited in Claim 112, wherein the plant is the plant with ATCC accession  
2 number 203428, or is any progeny of the plant with ATCC accession number 203428; wherein  
3 the plant has the herbicide resistance characteristics of the plant with ATCC accession number  
4 203428.

1 123. A process as recited in Claim 112, wherein the plant is the plant with ATCC accession  
2 number 203429, or is any progeny of the plant with ATCC accession number 203429; wherein  
3 the plant has the herbicide resistance characteristics of the plant with ATCC accession number  
4 203429.

1 124. A process as recited in Claim 112, wherein the plant is the plant with ATCC accession  
2 number 203430, or is any progeny of the plant with ATCC accession number 203430; wherein  
3 the plant has the herbicide resistance characteristics of the plant with ATCC accession number  
4 203430.

1 125. A process as recited in Claim 112, wherein the plant is the plant with ATCC accession  
2 number 203431, or is any progeny of the plant with ATCC accession number 203431; wherein  
3 the plant has the herbicide resistance characteristics of the plant with ATCC accession number  
4 203431.

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1 126. A process as recited in Claim 112, wherein the plant is the plant with ATCC accession  
2 number 203432, or is any progeny of the plant with ATCC accession number 203432; wherein  
3 the plant has the herbicide resistance characteristics of the plant with ATCC accession number  
4 203432.

1 127. A process as recited in Claim 112, wherein the plant is the plant with ATCC accession  
2 number 203433, or is any progeny of the plant with ATCC accession number 203433; wherein  
3 the plant has the herbicide resistance characteristics of the plant with ATCC accession number  
4 203433.

1 129. A process for controlling weeds in the vicinity of a rice plant as recited in Claim 82,  
2 said process comprising applying a herbicide to the weeds and to the rice plant, wherein the  
3 herbicide comprises primisulfuron, triasulfuron, chlorsulfuron, imazamethabenz methyl, or a  
4 derivative of any of these herbicides.

ADD B2)

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